

GRIS 150M Miniature WiFi Module

FIT0628

Product Overview

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Description

TDFRobot GRIS 150M Miniature WiFi Module fully complies with IEEE 802. The GRIS 150M module features 11n standard and offers up to 150Mbps data rate and more efficient data transmission in LAN. This WiFi module supports 64/128/256-bit WEP data encryption and WPA/WPA-PSK and WPA2/WPA2-PSK secure authentication mechanism for improved security of data transmission. The bandwidth mode of this module avoids wireless signal interference and enhances the stability of a wireless network. The GRIS 150M module is commonly used in phones, tablet PC, desktops, Raspberry Pi mini-PC, and PYNQ-Z2 development boards.



Features

- Adopts CAA technology to detect signal interference
- WPA/WPA-PSK and WPA2/WPA2-PSK secure authentication mechanism
- Good signal receiving ability
- Compact body
- Bandwidth mode to avoid interference



Specifications

- IEEE 802.11B/G/N wireless standard
- 2dBi antenna gain
- 150Mbps maximum transmission speed
- 20dBm transmit power
- 2.4GHz to 2.4835GHz frequency range
- 0°C to 40°C operating temperature range
- -40°C to 70°C storage temperature range
- 21mm x 14mm x 7mm package dimensions

Applications

- Phone
- Tablet PC
- Desktop
- Raspberry Pi development board
- PYNQ-Z2 development board

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-gris-150m-module/>